

In the Claims

Applicant has submitted a complete claim set for the convenience of the Examiner; no claim amendments have been made.

1. (Original) An isolated cell that recombinantly expresses an N-type calcium channel comprising a Cav2.2 subunit that comprises exon e37a (Cav2.2e[37a]).
2. (Original) The isolated cell of claim 1, wherein the Cav2.2e[37a] subunit has a human sequence.
3. (Withdrawn) The isolated cell of claim 1, wherein the Cav2.2e[37a] subunit has a mouse sequence.
4. (Withdrawn) The isolated cell of claim 1, wherein the Cav2.2e[37a] subunit has a rat sequence.
- 5-36. (Canceled)
37. (Previously presented) The isolated cell of claim 1, wherein the cell is a neuron.
38. (Previously presented) The isolated cell of claim 2, wherein the cell is a neuron.
39. (Withdrawn) The isolated cell of claim 3, wherein the cell is a neuron.
40. (Withdrawn) The isolated cell of claim 4, wherein the cell is a neuron.
41. (Previously presented) The isolated cell of claim 1, wherein the cell is an oocyte.
42. (Previously presented) The isolated cell of claim 2, wherein the cell is an oocyte.

43. (Withdrawn) The isolated cell of claim 3, wherein the cell is an oocyte.
44. (Withdrawn) The isolated cell of claim 4, wherein the cell is an oocyte.